serS Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	serS, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli (strain 55989/EAEC) serS Polyclonal Antibody
Product Gene Name	anti-serS antibody
Product Synonym Names	serS Antibody; Serine--tRNA ligase; EC 6.1.1.11; Seryl-tRNA synthetase; SerRS; Seryl-tRNA(Ser/Sec; synthetase; serS EC55989_0938
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli (strain 55989/EAEC)
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	48,414 Da
3D Structure	ModBase 3D Structure for B7LD85
Immunogen	Recombinant Escherichia coli (strain 55989 / EAEC) serS protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-serS antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-serS antibody	MBS7173710 is an antibody targeting serS. Also known as Rabbit anti-Escherichia coli (strain 55989/EAEC) serS Polyclonal Antibody. Reactive in E Coli (strain 55989/EAEC). Host: Rabbit.
Other Notes	Small volumes of anti-serS antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for serS. It may not necessarily be applicable to this product.

NCBI GI #	446809427
NCBI Accession #	WP_000886683.1
UniProt Primary Accession #	B7LD85
GenBank Nucleotide #	WP_000886683.1
NCBI Official Full Name	MULTISPECIES: serine--tRNA ligase

UniProt Protein Name	Serine--tRNA ligase
UniProt Synonym Protein Names	Seryl-tRNA synthetase
Protein Family	Serine--tRNA ligase
UniProt Gene Name	serS
UniProt Synonym Gene Names	SerRS
UniProt Comments for serS	Catalyzes the attachment of serine to tRNA(Ser). Is also able to aminoacylate tRNA(Sec) with serine, to form the misacylated tRNA L-seryl-tRNA(Sec), which will be further converted into selenocysteinyl-tRNA(Sec).
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